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Cortex  
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~~accessing a database at said ToL server to determine if bandwidth is available on said LAN for a call processed by said PBX; and~~  
~~sending a message to abort said call if bandwidth is not available.~~

8. (Amended) The method according to claim 7, including informing said ToL server when said call processed by said PBX is completed.

19. (Amended) The system according to claim 14, wherein a TFA client is configured to provide a call request to said gatekeeper and, if said gatekeeper determines that bandwidth is available, provide a subsequent call request to said TFA gateway.

20. (Amended) The system according to claim 14, wherein a TFA client is configured to submit a call request to said TFA gateway and inform said gatekeeper of said call request.

#### REMARKS

Upon entry of the instant amendment, claims 1-20 are pending. Claims 1, 5, 6, 8, and 19 and 20 have been amended to overcome the Section 112 rejections. The Abstract has been amended to more explicitly recite acronyms. The drawings have been amended to provide text descriptions of various components. No new matter has been added.

The drawings were objected to because various figures lacked text descriptions of various components. Proposed amendments to the drawings are provided which include explicit text descriptions. No new matter has been added.

The Abstract was objected to because various acronyms were not spelled out. Applicants submit herewith an amended abstract spelling out the acronyms. In addition, a grammatical error has been corrected. No new matter has been added.

Claims 1 and 14 were objected to because of alleged informalities. In particular, the use of parenthesis around PBX and TFA were objected to. Applicants respectfully submit that removing the parenthesis would, in anything, decrease

clarity in that use of parentheses around an acronym immediately following its first use is well known. Thus, applicants respectfully decline the suggestion in the Official Action.

Claims 1-13 and 18-20 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as the invention. In particular, various terms were alleged to be unclear or lack antecedent basis. Claims 1, 5, 6, 8, and 19 and 20 have been amended for greater clarity or to provide antecedent basis. With respect to claim 18, however, applicants submit that there is only one occurrence of "TFA call." As such, the Examiner is respectfully requested to reconsider and withdraw the rejection.

Claims 1-20 have been rejected under 35 U.S.C. § 103 as being unpatentable over Spell et al., U.S. Patent No. 6,208,640 ("Spell") in view of Keeler et al., U.S. Patent No. 5,568,544 ("Keeler"). Applicants respectfully submit that the claimed invention is not taught, suggested, or implied by Spell or Keeler, either singly or in combination. As described in the Specification, one aspect of the invention relates to a combined ToL-PBX system which can support both ToL telephony and TFA or "Glass Phone" telephony. A problem in such a system is that the ToL gatekeeper is not aware of TFA calls and their bandwidth usage. Embodiments of the present invention, however, allow the TFA bandwidth usage to be accounted-for.

As such, claim 1, as amended, recites

- one or more telephony devices operably coupled to said TFA gateway for call processing;
- one or more second telephony devices operably coupled to said server for call processing; and
- means associated with said server for accounting for bandwidth requirements of said one or more telephony devices operably coupled to said TFA gateway on said LAN;

claim 6 recites

- informing said ToL server of a call setup message;
- accessing a database at said ToL server to determine if bandwidth is available on said LAN for a call processed by said PBX; and
- sending a message to abort said call if bandwidth is not available;

and claim 14 recites:

a private branch exchange (PBX) coupled to a local area network (LAN), said PBX having associated therewith a telephony feature access (TFA) gateway;

a telephony over LAN (ToL) gatekeeper coupled to said LAN and configured to provide call control services for ToL phone calls on said LAN; and

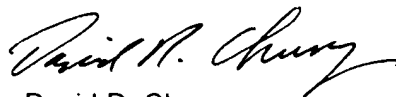
means associated with said gatekeeper for monitoring bandwidth usage of telephone calls processed via said TFA gateway.

In contrast, Spell appears to relate merely to a bandwidth allocation system for an ISDN type system, rather than a combined ToL-PBX system, as generally recited in the claims at issue. Thus, Spell does not relate to TFA gateway or ToL servers processing calls, as generally recited in the claims at issue. Keeler is relied on for allegedly teaching various telephony control circuitry. However, like Spell, Keeler does not relate to a ToL-PBX system, as generally recited in the claims at issue. As such, the Examiner is respectfully requested to reconsider and withdraw the rejections of the claims.

For all of the above reasons, Applicant respectfully submits that the application is in condition for allowance, which allowance is earnestly solicited.

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**MARKED UP CLAIMS**



1. (Amended) A telecommunications system, comprising:  
a private branch exchange (PBX) coupled to a local area network, said PBX including a telephony feature access gateway (TFA);  
a server coupled to said local area network, said server configured to provide call processing via said LAN and configured to monitor bandwidth usage of calls it has processed on said LAN;  
one or more telephony devices operably coupled to said TFA gateway for call processing;  
one or more second telephony devices operably coupled to said server for call processing; and  
means associated with said server for accounting for bandwidth requirements of said one or more telephony devices operably coupled to said TFA gateway on said LAN.

5. (Amended) The telecommunications system according to claim 2, wherein said one or more telephony devices coupled to said [ToL] server for call processing are able to communicate with said H.323 server.

6. (Amended) A method for communicating in a system including a PBX and a ToL server coupled to a LAN, said method comprising:  
informing said ToL server of [said] a call setup message;  
accessing a database at said ToL server to determine if bandwidth is available on said LAN for a call processed by said PBX; and  
sending a message to abort said call if bandwidth is not available.

8. (Amended) The method according to claim 7, including informing said ToL server when [a] said call processed by said PBX is completed.

19. (Amended) The system according to claim 14, wherein [said] a TFA client is configured to provide a call request to said gatekeeper and, if said gatekeeper determines that bandwidth is available, provide a subsequent call request to said TFA gateway.

20. (Amended) The system according to claim 14, wherein [said] a TFA client is configured to submit a call request to said TFA gateway and inform said gatekeeper of said call request.

**Marked Up Abstract**

-- A [system and method for combining] ToL/PBX system is provided whereby a single policy may be enforced for both TFA (telephony feature access) and ToL (telephony over LAN) users by making the H.323 gatekeeper (103) aware of those TFA connectors so as to accurately allocate the remaining available bandwidth. According to one embodiment of the invention, the H.323 gatekeeper (103) is notified whenever a TFA call is being made or received. --